

XP-002257196

CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:403392 CAPLUS  
DN 135:9836  
TI Rare earth metal oxide-containing cosmetics reversibly changing colors  
under different light source  
IN Ikeda, Yasuhisa; Shijiki, Satoshi  
PA C. I. Kasei Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 3 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
IC ICM A61K007-00  
ICS A61K007-02; A61K007-021; A61K007-027; A61K007-035  
CC 62-4 (Essential Oils and \*\*\*Cosmetics\*\*\* )  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 2001151621	A2	20010605	JP 1999-335259	19991126
PRAI	JP 1999-335259		19991126		

AB Title cosmetics contain M2O3 (M = Ho, Nd, Pr) with av. particle size 5-200 nm. Thus, a cosmetic cream contg. Ho2O3 showed almost no color under the sunlight, pale pink under a D65 fluorescent lamp, and deep pink under another fluorescent lamp.

ST rare earth metal oxide cosmetic; reversibly color changing cosmetic  
holmium oxide

IT Cosmetics

(rare earth metal oxide-contg. cosmetics reversibly changing colors  
under different light source)

IT Rare earth oxides

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES  
(Uses)

(ultrafine powders; rare earth metal oxide-contg. cosmetics reversibly  
changing colors under different light source)

IT 1313-97-9, \*\*\*Neodymium\*\*\* oxide 12055-62-8, Holmium oxide

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES  
(Uses)

(ultrafine powder; rare earth metal oxide-contg. cosmetics reversibly  
changing colors under different light source)

IT 12036-32-7, Praseodymium oxide

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES  
(Uses)

(ultrafine powders; rare earth metal oxide-contg. cosmetics reversibly  
changing colors under different light source)

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